



HUMAN	SER-VAL-SER-GLU-ILE-GLN-LEU-MET-HIS-ASN-LEU-GLY-LYS-HIS-LEU-GLY-SER-GLN-LEU-MET-HIS-ASN-SER-MET-GLU-ARG-VAL-GLU-TRP-LEU-ARG-LYS-LEU-GLN-ASP-VAL-HIS-ASH-PHE	10
RAT	ALA-VAL-SER-GLU-ILE-GLN-LEU-MET-HIS-ASN-LEU-GLY-LYS-HIS-LEU-ALA-SER- <u>VAL</u> -GLU-ARG-MET-GLN-TRP-LEU-ARG-LYS-LEU-GLN-ASP-VAL-HIS-ASN-PHE	11
MOUSE	ALA-VAL-SER-GLU-ILE-GLN-LEU-MET-HIS-ASN-LEU-GLY-LYS-HIS-LEU-ALA-SER-MET-GLU-ARG-MET-GLN-TRP-LEU-ARG-LYS-LEU-GLN-ASP- <u>VAL</u> -HIS-ASN-PHE	12
BOVINE	ALA-VAL-SER-GLU-ILE-GLN- <u>PHE</u> -MET-HIS-ASN-LEU-GLY-LYS-HIS-LEU-ALA-SER-SER-MET-GLU-ARG-VAL-GLU-TRP-LEU-ARG-LYS-LEU-GLN-ASP-VAL-HIS-ASN-PHE	13
CANINE	SER-VAL-SER-GLU-ILE-GLN- <u>PHE</u> -MET-HIS-ASN-LEU-GLY-LYS-HIS-LEU-ALA-SER-SER-MET-GLU-ARG-VAL-GLU-TRP-LEU-ARG-LYS-LEU-GLN-ASP-VAL-HIS-ASN-PHE	14
PORCINE	SER-VAL-SER-GLU-ILE-GLN-LEU-MET-HIS-ASN-LEU-GLY-LYS-HIS-LEU-ALA-SER-SER- <u>ILE</u> -GLU-ARG-VAL-GLU-TRP-LEU-ARG-LYS-LEU-GLN-ASP-VAL-HIS-ASN-PHE	15
HUMAN	VAL-ALA-LEU-GLY-ALA-PRO-LEU-ALA-PRO-ARG-ASP-ALA-GLY-SER-GLN-N- <u>PRO</u> -ARG-LYS-LEU-GLU-ASP-ASN-VAL-GLU-SER-HIS-GLU-LYS-SER-LEU-GLY	20
RAT	VAL-SER-LEU-GLY-YAL-GLN-MET-ALA-ALA-ARG-GLU-GLY-SER-TYR-GLN- <u>PRO</u> -THR-LYS-LYS-GLU-ASP-ASN-VAL-LEU-VAL-ASP-GLY-ASN-SER-LYS-SER-LEU-GLY	21
MOUSE	VAL-SER-LEU-GLY-YAL-GLN-MET-ALA-ALA-ARG-ASP-GLY-SER-HIS-GLN-LYS-PRO- <u>THR</u> -LYS-LYS-GLU-GLY-ASN-VAL-LEU-VAL-ASP-GLY-ASN-PRO-LYS-SER-LEU-GLY	22
BOVINE	VAL-ALA-LEU-GLY-ALA-SER- <u>ILE</u> -ALA-TYR-ARG-ASP-GLY-SER-SER-GLN- <u>PRO</u> -ARG-LYS-LYS-GLU-ASP-ASN-VAL-LEU-VAL-GLU-SER-HIS-GLN-LYS-SER-LEU-GLY	23
CANINE	VAL-ALA-LEU-GLY-ALA-PRO- <u>ILE</u> -ALA-HIS-ARG-ASP-GLY-SER-SER-GLN- <u>PRO</u> -LEU-LYS-LYS-GLU-ASP-ASN-VAL-LEU-VAL-GLU-SER-TYR-GLN-LYS-SER-LEU-GLY	24
PORCINE	VAL-ALA-LEU-GLY-ALA-SER- <u>ILE</u> -VAL-HIS-ARG-ASP-GLY-SER-GLN- <u>PRO</u> -ARG-LYS-LYS-GLU-ASP-ASN-VAL-LEU-VAL-GLU-SER-HIS-GLN-LYS-SER-LEU-GLY	25
HUMAN	VAL-SER-LEU-GLY-YAL-GLN-MET-ALA-ALA-ARG-ASP-VAL-LEU- <u>YAL</u> -LYS-ALA-LYS-SER-GLN-OH	30
RAT	VAL-SER-LEU-GLY-YAL-GLN-MET-ALA-ALA-ARG-ASP-VAL-LEU- <u>YAL</u> -LYS-ALA-LYS-SER-GLN-OH	31
MOUSE	VAL-SER-LEU-GLY-YAL-GLN-MET-ALA-ALA-ARG-ASP-VAL-LEU- <u>YAL</u> -LYS-SER-GLN-OH	32
BOVINE	VAL-ALA-ASp-GLY-ASP-lys-ALA-Asp-Val-Asp-Val- <u>YAL</u> -LYS-ALA-LYS-PRO-GLN-OH	33
CANINE	VAL-ALA-ASp-GLY-ASP-lys-ALA-Asp-Val-Asp-Val- <u>YAL</u> -LYS-ALA-LYS-SER-GLN-OH	34
PORCINE	VAL-ALA-ASp-GLY-ASP-lys-ALA-Asp-Val-Asp-Val- <u>YAL</u> -LYS-ALA-LYS-PRO-GLN-OH	35
HUMAN	GLU-ALA-Asp-Lys-ALA-Asp-Val-Asn-Val-Leu-Thr-Lys-Ala-Lys-Ser-GLN-OH	40
RAT	GLU-GLY-Asp-Lys-ALA-Asp-Val-Asp-Val- <u>YAL</u> -LYS-ALA-Lys-Ser-GLN-OH	41
MOUSE	GLU-GLY-Asp-Lys-ALA-Asp-Val-Asp-Val- <u>YAL</u> -LYS-SER-GLN-OH	42
BOVINE	GLU-ALA-Asp-Lys-ALA-Asp-Val-Asp-Val- <u>YAL</u> -LYS-ALA-Lys-Pro-GLN-OH	43
CANINE	GLU-ALA-Asp-Lys-ALA-Asp-Val-Asp-Val- <u>YAL</u> -LYS-ALA-Lys-Ser-GLN-OH	44
PORCINE	GLU-ALA-Asp-Lys-ALA-Asp-Val-Asp-Val- <u>YAL</u> -LYS-ALA-Lys-Pro-GLN-OH	45

T
EIG



		1	ALA-VAL-SER-GLU-ILE-GLN-MET-HIS-ASN-LEU-GLY-LYS-HIS-LEU-ALA-SER-VAL-GLU-ARG-MET-GLN-TRP-LEU-ARG-LYS-LEU-GLN-ASP-VAL-HIS-ASN-PHE	30	RAT
MOUSE			ALA-VAL-SER-GLU-ILE-GLN-MET-HIS-ASN-LEU-GLY-LYS-HIS-LEU-ALA-SER-MET-GLU-ARG-MET-GLN-TRP-LEU-ARG-Arg-LYS-LEU-GLN-ASP-MET-HIS-ASN-PHE		
BOVINE			ALA-VAL-SER-GLU-ILE-GLN-PHE-MET-HIS-ASN-LEU-GLY-LYS-HIS-LEU-ALA-SER-MET-GLU-Arg-Val-Glu-TRP-LEU-Arg-LYS-LEU-GLN-ASP-Val-HIS-ASN-PHE		
HUMAN			SER-VAL-SER-GLU-ILE-GLN-MET-HIS-ASN-LEU-GLY-LYS-HIS-LEU-ALA-SER-MET-GLU-Arg-Val-Glu-TRP-LEU-Arg-LYS-LEU-GLN-ASP-Val-HIS-ASN-PHE		
CANINE			SER-VAL-SER-GLU-ILE-GLN-PHE-MET-HIS-ASN-LEU-GLY-LYS-HIS-LEU-ALA-SER-MET-GLU-Arg-Val-Glu-TRP-LEU-Arg-LYS-LEU-GLN-ASP-Val-HIS-ASN-PHE		
PORCINE			SER-VAL-SER-GLU-ILE-GLN-MET-HIS-ASN-LEU-GLY-LYS-HIS-LEU-ALA-SER-MET-GLU-Arg-Val-Glu-TRP-LEU-Arg-LYS-LEU-GLN-ASP-Val-HIS-ASN-PHE		
		40		50	RAT
		50	VAL-SER-LEU-GLY-VAL-GLN-MET-ALA-ALA-Arg-Glu-Gly-Ser-Tyr-Gln-Arg-Pro-Thr-Lys-Lys-Glu-Asn-Ser-Lys-Ser-Leu-Gly	60	
MOUSE			VAL-SER-LEU-GLY-VAL-GLN-MET-ALA-ALA-Arg-Asp-Gly-Ser-His-Gln-Lys-Pro-Thr-Lys-Lys-Glu-Glu-Asn-Ser-Lys-Ser-Leu-Gly		
BOVINE			VAL-ALA-LEU-GLY-ALA-SER-Ile-Ala-Tyr-Arg-Asp-Gly-Ser-Ser-Gln-Arg-Pro-Arc-Lys-Lys-Glu-Asp-Asn-Ser-His-Glu-Lys-Ser-Leu-Gly		
HUMAN			VAL-ALA-LEU-GLY-ALA-Pro-Ile-Ala-Pro-Arg-Asp-Ala-Gly-Ser-Gln-Arg-Pro-Arc-Lys-Lys-Glu-Asp-Asn-Ser-His-Glu-Lys-Ser-Leu-Gly		
CANINE			VAL-ALA-LEU-GLY-Ala-Pro-Ile-Ala-His-Arg-Asp-Gly-Ser-Ser-Gln-Arg-Pro-Arg-Gly-Gly-Ser-Gln-Arg-Pro-Arg-Gly-Ser-His-Glu-Lys-Ser-Leu-Gly		
PORCINE			VAL-ALA-LEU-GLY-Ala-Ser-Ile-Val-His-Arg-Asp-Gly-Ser-Gln-Arg-Pro-Arg-Gly-Ser-His-Glu-Ser-His-Gln-Lys-Ser-Leu-Gly		

	70	80
RAT	GLU-GLY-ASP-LYS-ALA-ASP-VAL-ASP-VAL-LEU-VAL-LYS-ALA-LYS-SER-GLN-OH	
MOUSE	GLU-GLY-ASP-LYS-ALA-ASP-VAL-ASP-VAL-LEU-VAL-LYS-SER-LYS-SER-GLN-OH	
BovidINE	GLU-ALA-ASP-LYS-ALA-ASP-VAL-ASP-VAL-LEU-ILE-LYS-ALA-LYS-PRO-GLN-OH	
HUMAN	GLU-ALA-ASP-LYS-ALA-ASP-VAL-ASP-VAL-ASN-VAL-LEU-THR-LYS-ALA-LYS-SER-GLN-OH	
CANINE	GLU-ALA-ASP-LYS-ALA-ASP-VAL-ASP-VAL-LEU-THR-LYS-ALA-LYS-SER-GLN-OH	
BOVINE	GLU-ALA-ASP-LYS-ALA-ALA-VAL-ASP-VAL-LEU-ILE-LYS-ALA-LYS-PRO-GLN-OH	

FIG. 2

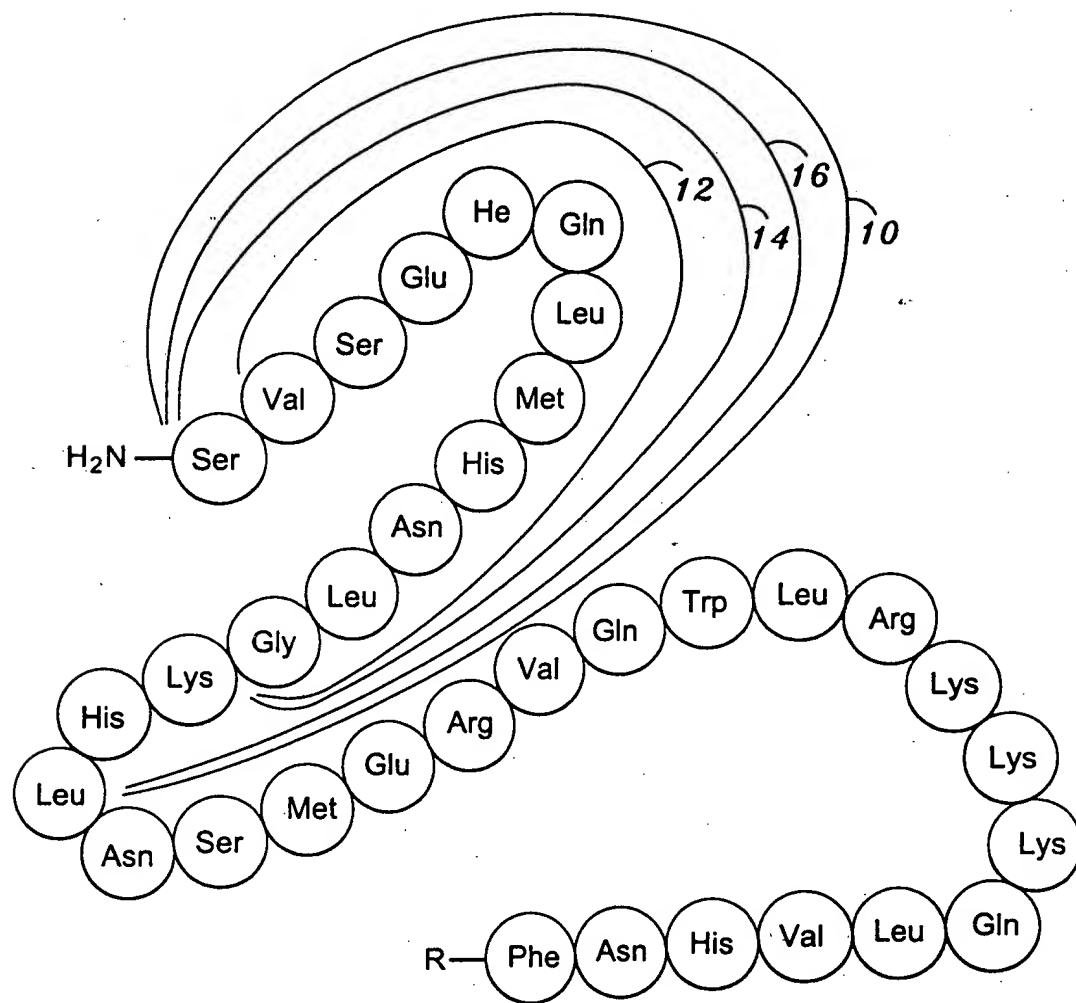


FIG. 3

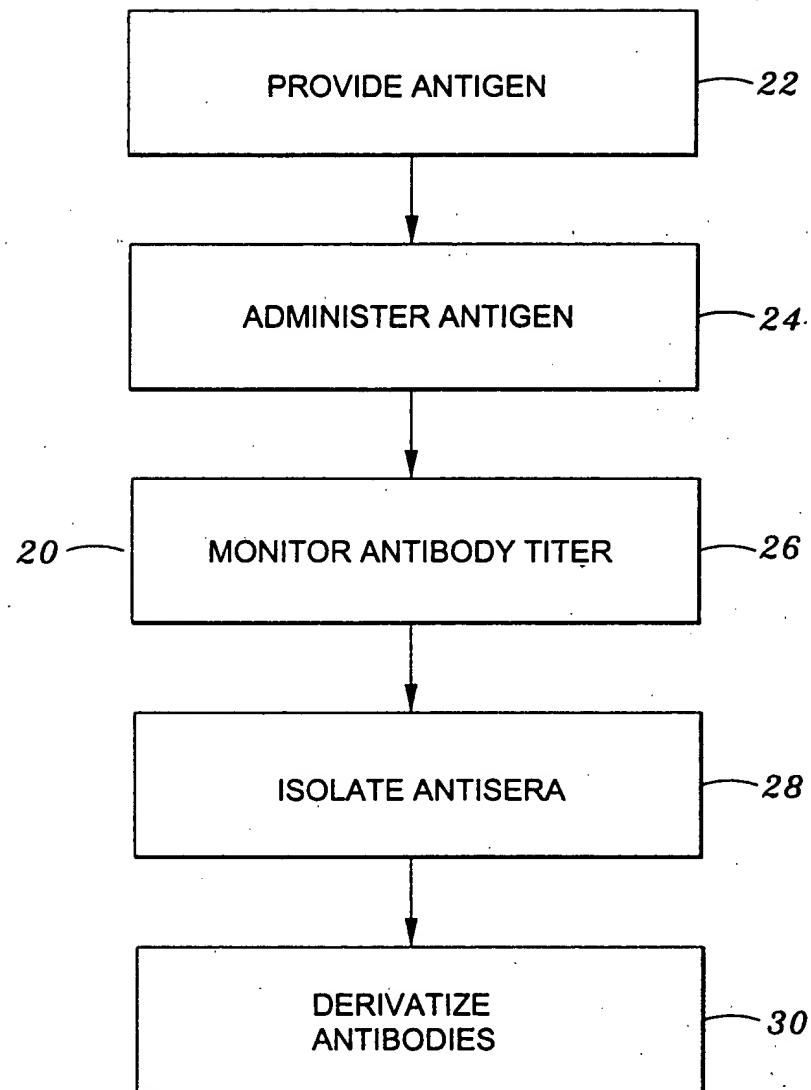


FIG. 4